

### AV-WALL-DT4o-B/DT4o-LE Overview

AV-WALL-DT4o offers 2x XLR Line out and a stereo Bluetooth (DT4o-B) or 3.5 mini-jack (DT4o-LE) line out Interface to Dante in an incredible small size.

AV-WALL-DT4o gains of the 2 XLR professionals balanced outputs and stereo Bluetooth (DT4o-B) or mini-jack (DT4o-LE) can be remotely controlled from network.

AV-WALL-DT4o-B integrates a rotative push buttons and an OLED display on 4 lines of 8 characters for local fine adjustment of output gains, Bluetooth connections and selection of Dante sources.

AV-WALL-DT4o are designed to fit into a single-gang junction box of only 45x45x45mm.

AV-WALL-DT4o are PoE powered and remote controls-monitoring and audio data connectivity are provided by a single CAT-5e/6 cable.

Wall plate available in square version "E" for Europe and MEA counties or in Version "A" for USA, Australia, Japan

### Key Features

- 2x balanced professional line out (1/2) with digital gains for -inf to +12dB controllable per step of 1dB via network.
- 2x XLR female connectors for the 2 Line out (1/2)
- 4x Dante channel receiver working at selectable frequency of 44.1kHz, 48kHz, 88.2kHz and 96kHz.
- AV-WALL-DT4o-B has an integrated stereo Bluetooth out with adjustment gain controllable via network or locally via rotative push button on.
- AV-WALL-DT4o\_B integrates a 145dpi OLED display of 4x lines of 8 characters or 64x32 graphic display.
- AV-WALL-DT4o-B as a rotative push button gives local control of any individual gains and of the selection of the source from a list of 64 predefined/customized Dante channels-devices.
- AV-WALL-DT4o-LE has a stereo mini-Jack with adjustment gain controllable per step of 1dB via network on
- Dedicated control page for monitoring and controlling all the parameters (gain, phantom power on each channel, preamp values, vu-meter)
- 802.3af compliant, the AV-WALL-4DT4o-B and DT4o-LE works and is powered by any compliant PoE network switch.



### Mechanical Specifications

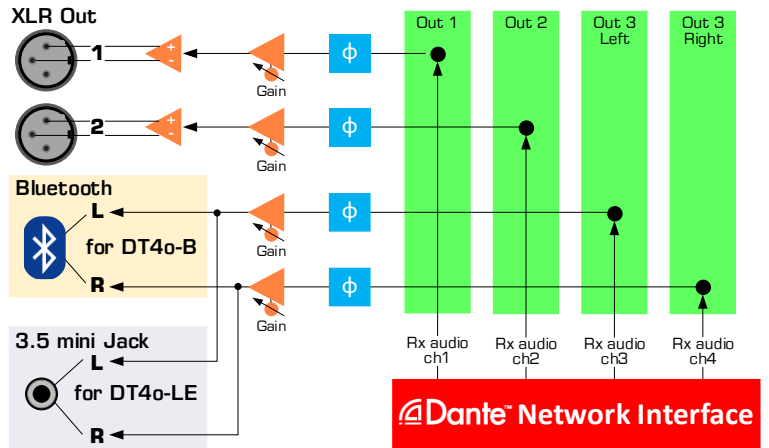
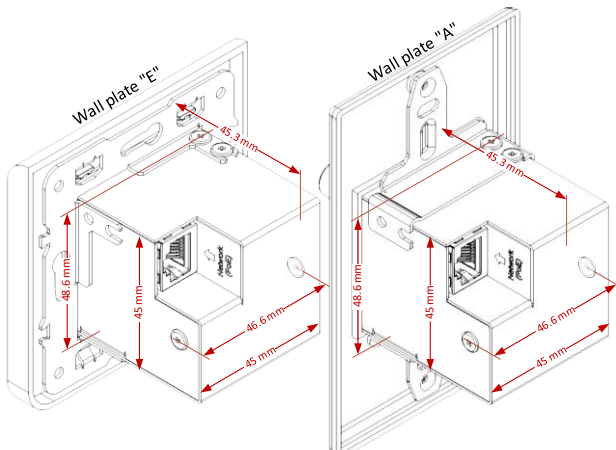
Size of the main box: 45x45x50 mm. Wall plate size may vary depending on the region. On Wall Depth is 49x47x46 mm Fit in 1 Gang box.

### AV-WALL-DT4o-B /DT4o-LE Applications

Any convenient, wall mounted Line to Dante network in Theatres, Convention centres, Hotel ballrooms, Corporate meeting rooms, Restaurants, Bars Sports facilities featuring any or all the following requirements:

- State of the art in quality/price ratio standard for professional Wall-Plate applications
- High quality DAC with fine steps of gain for adjustments
- Fit in a small single-gang junction box included most of the European and Asian standards
- Quick local gain adjustment without any external computer
- Avoid using an unsightly external junction box to fix it in the wall
- 2x professional XLR Out + a stereo Bluetooth output using only a Cat5e/6 cable for both power, control and audio transmissions

DANTE SUPER COMPACT INTERFACE FOR WALL MOUNT TO 2 XLR LINE OUT AND BLUETOOTH+OLED DISPLAY OR MINI JACK  
**AV-WALL-DT4oB/DT4o-LE Rear view with E/A Wall Plates and Audio Flow**



## Technical Specifications

General	
Size	Central part: 45x45x50 mm. Depth in Wall (HxLxW): 49x47x46mm - Fit in 1 Gang Wall Wall plate size may vary depending on the region.
Power Supply	PoE 802.3af compliant through RJ45. Maximum consumption 5.5W.
Storage: Temp / Humidity	-5°C to 70°C / 0% to 95% (non-condensing)
Operating: Temp / Humidity	0°C to 50°C / 5% to 90% (non-condensing)
Connectors	2x male XLR connectors for analog Line out 1x RJ45 for Dante/remote control transmission and Power Supply
Local Control only on DT4o-B	Rotative Push button (DT4o-B)
Display only on DT4o-B	145 DPI OLED Display, 4 lines of 8 characters or 65 x 32 pixels bitmap display
Audio Outputs	
Number of i/o	2x analog line out on XLR + Stereo analog outputs on Bluetooth (DT4o-B) or minijack (DT4o-LE)
D/A resolution	24 or 32 bits
Output type	Balanced Analog on XLR connectors, unbalanced stereo analog on minijack connector (DT4o-LE) Stereo digital BlueTooth output compatible with 5.0 Bluetooth devices (DT4o-B)
Sampling Frequency	44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz managed via Dante Controller
Output maximum level	+24dBu on XLR connector and +18.7dB on mini-jack (DT4o-LE)
Audio outputs Line out Technical Specifications on XLR (All measures at fs=48kHz & 22kHz BW)	
Analog Gain Range	-inf to +24dB (1dB step via remote network control, 3dB step via rotative button on DT4o-B)
Output impedance	<100 kΩ (balanced)
Output max level	+24dBu
Dynamic Range @ 24dBu	> 106dB A-weighted
THD+N @ 1KHz +18dBu, G=0dB	< -92dB (0.0025%)
Freq. response (20Hz-20kHz)	+0 /-2.5dB
Line out / Headphone Technical Specifications on mini-jack of DT4o-LE (All measures at fs=48kHz & 22kHz BW)	
Analog Gain Range	-inf to +18.7dB (1dB step via remote network control)
Output impedance	16 to 600 Ω (unbalanced)
Output max level	+18.7dBu
Dynamic Range @ 18.6dBu No load	> 104dB A-weighted
THD+N @ 1KHz +18dBu, G=0dB	< -91dB (0.0028%)
Freq. response (20Hz-20kHz)	+0 /-2dB
Max Power @ 0.05% THD+N 1KHz, 32 Ohms load	250mW
Headphone max power	250mW @ 0.05% THD+N 1KHz, 32 Ω load
Integration Environment	
Dante Controller	AV-WALL-DT4o-B/DT4o-LE can be managed by Dante controller as a device with 4x RX channels that can be set to run on 24-bits audio format at a frequency of 44.1kHz / 48kHz / 88.2kHz / 96kHz
AVS-Monitor	AVS-Monitor enables to remotely set, control and monitor AV-WALL-DT4oB/DT4o-LE parameters and any other AuviTran product via IP, Dante and provides enhanced control pages in Windows.

## Part number

<b>AV-WALL-DT4o-B</b>	Dante super compact interface on PoE for wall mount to 2x XLR line out and stereo BlueTooth output with a rotative push button plus OLED screen display for local control.
<b>AV-WALL-DT4o-LE</b>	Dante super compact interface on PoE for wall mount to 2x XLR line out and stereo 3.5 mini-jack outputs.